



Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/664,023
				Filing Date	September 15, 2003
				First Named Inventor	Tinku Acharya
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	1	of	1	Attorney Docket Number	42P15466X

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number - Kind Code* (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/GM/	1	US-6,292,212	09-18-2001	Zigadlo, et al.	
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FOREIGN PATENT DOCUMENTS					
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Examiner Signature	/Gregory Madden/	Date Considered	03/15/2007
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†Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1	of	9

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/GM	1	US-5,875,122	02-23-1999	Acharya	
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	4	US-6,009,206	12-28-1999	Acharya	
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	9	US-6,124,811	09-26-2000	Acharya et al.	
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	11	US-6,151,069	11-21-2000	Dunton et al.	
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	13	US-6,154,493	11-28-2000	Acharya et al.	
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	20	US-6,233,358 B1	05-15-2001	Acharya	

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Examiner Signature: <u>/Gregory Madden/</u>	Date Considered: <u>03/15/2007</u>
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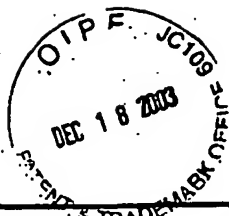
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		Filing Date	9/15/2003		
		First Named Inventor	Tinku Acharya		
		Art Unit	Not Assigned		
		Examiner Name	Not Assigned		
Sheet	3	of	9	Attorney Docket Number	42P15466 X

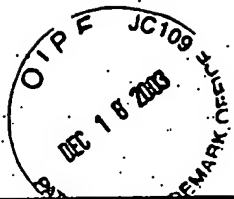
OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.**	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
/GM/	39	TINKU ACHARYA, "A Memory Based VLSI Architecture for Image Compression," Filed 6/30/1997, Application No.: 08/885,415, pp. 1-36, Atty. Docket No.: 042390.P4425.	
	40	BAWOLEK ET AL., "Infrared Correction System," Filed 7/30/1998, Application No.: 09/126,203, pp. 1-23, Atty. Docket No.: INTL-0072-US (P6172).	
	41	PAZMINO ET AL., "Method of Compressing and/or Decompressing a Data Set Using Significance Mapping," Filed 9/11/1998, Application No.: 09/151,336, pp. 1-26, Atty. Docket No.: 042390.P6391.	
	42	TAN ET AL., "Robust Sequential Approach in Detecting Defective Pixels within an Image Sensor," Filed 11/13/1998, Application No.: 09/191,310, pp. 1-35, Atty. Docket No.: 042390.P6575.	
	43	ACHARYA ET AL., "Color Interpolation for a Four Color Mosaic Pattern," Filed 11/24/1998; Application No.: 09/199,836, pp. 1-26, Atty. Docket No.: 042390.P6376	
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	45	TSAI ET AL., "Method and Apparatus for Adaptively Sharpening an Image," Filed 5/26/1999, Application No.: 09/320,192, pp. 1-29, Atty. Docket No.: 042390.P6452.	
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	47	TAN ET AL., "A Hardware Efficient Wavelet-Based Video Compression Scheme," Filed 6/29/1999, Application No.: 09/342,863, pp. 1-32, Atty. Docket No.: 042390.P6529.	
	48	TAN ET AL., "A Methodology for Color Correction with Noise Regulation," Filed 7/23/1999, Application No.: 09/359,231, pp. 1-30, Atty. Docket No.: 042390.P7320.	
	49	ACHARYA ET AL., "Image Processing Method and Apparatus," Filed 7/23/1999, Application No.: 09/359,523, pp. 1-16, Atty. Docket No.: INTL-0237-US (P7323).	
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	51	ACHARYA ET AL., "A Fuzzy Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,136, pp. 1-28, Atty. Docket No.: 042390.P7114.	
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		Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	42P15466 x
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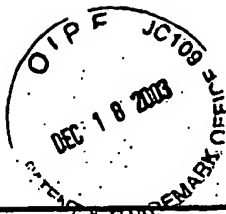
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/GM/	53	TINKU ACHARYA, "Video Motion Estimation," Filed 9/27/1999, Application No.: 09/406,032, pp. 1-24, Atty. Docket No.: INTL-0260-US (P7330).	
	54	ACHARYA ET AL., "Méthod of Intetpolating Color Pixel Signals from a Subsampled Color Image," Filed 10/01/1999, Application No.: 09/410,800, Atty. Docket No.: 042390.P7331.	
	55	ACHARYA ET AL., "Method of Compressing a Color Image," Filed 10/01/1999, Application No.: 09/411,697, pp. 1-26, Atty. Docket No.: 042390.P7463.	
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	58	ACHARYA ET AL., "Indexing Wavelet Compressed Video for Efficient Data Handling," Filed 11/10/1999, Application No.: 09/438,091, pp. 1-29, Atty. Docket No.: INTL-0261-US (P6454).	
	59	TINKU ACHARYA, "Method of Upscaling a Color Image," Filed 12/14/1999, Application No.: 09/461,080, pp. 1-22, Atty. Docket No.: 042390.P7489.	
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	61	ACHARYA ET AL., "Chip Rate Selectable Square Root Raised Cosine Filter for Mobile Telecommunications," Filed 12/20/1999, Application No.: 09/467,487, pp. 1-44, Atty. Docket No.: INTL-0323-US (P8026).	
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	63	METZ ET AL., "Image Processing Architecture," Filed 12/28/1999, Application No.: 09/473,643, pp. 1-16, Atty. Docket No.: INTL-0322-US (P8050).	
	64	TINKU ACHARYA, "A Block-Matching Algorithm for Color Interpolation," Filed 1/28/2000, Application No.: 09/494,087, pp. 1-45, Atty. Docket No.: 042390.P5090D.	
✓	65	ACHARYA ET AL., "Method of Inverse Quantizing Quantized Signal Samples of an Image During Image Decompression," Filed 2/18/2000, Application No.: 09/507,213, pp. 1-32, Atty. Docket No.: 042390.P8350.	

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Sheet

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/GM/	66	ACHARYA ET AL., "Method of Quantizing Signal Samples of an Image During Image Compression," Filed 2/18/2000, Application No.: 09/507,399, pp. 1-24, Atty. Docket No.: 042390.P7135.	
	67	ACHARYA ET AL., "Method of Integrating a Watermark into an Image," Filed 3/06/2000, Application No.: 09/519,874, pp. 1-27, Atty. Docket No.: 042390.P7136.	
	68	ACHARYA ET AL., "Method of Using Hue to Interpolate Color Pixel Signals," Filed 6/12/2000, Application No.: 09/591,867, pp. 1-23, Atty. Docket No.: 042390.P8746.	
	69	KIM ET AL., "Method of Performing Motion Estimation," Filed 6/16/2000, Application No.: 09/596,127, pp. 1-28, Atty. Docket No.: 042390.P8747.	
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	71	ACHARYA ET AL., "Method of Compressing an Image," Filed 6/19/2000, Application No.: 09/597,354, pp. 1-23, Atty. Docket No.: 042390.P8760.	
	72	ACHARYA ET AL., "Method of Video Coding the Movement of a Human Face from a Sequence of Images," Filed 6/30/2000, Application No.: 09/608,989, pp. 1-25, Atty. Docket No.: 042390.P8762.	
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	74	ACHARYA ET AL., "Model-Based Video Image Coding," Filed 6/30/2000, Application No.: 09/608,991, pp. 1-36, Atty. Docket No.: 042390.P8764.	
	75	TINKU ACHARYA, "Techniques to Implement One-Dimensional Compression," Filed 9/18/2000, Application No.: 09/666,486, pp. 1-18, Atty. Docket No.: 042390.P9921.	
	76	ACHARYA ET AL., "Imaging Device Connected to Processor-Based System Using High-Bandwidth Bus," Filed 11/29/2000, Application No.: 09/726,773, pp. 1-31, Atty. Docket No.: INTL-0494-US (P10274).	
	77	ACHARYA ET AL., "A Method for Block-Based Digital Image Watermarking," Filed 11/29/00, Application No.: 09/727,288, pp. 1-11, Atty. Docket No.: 5038-84 (P10266).	
	78	ACHARYA ET AL., "Color Filter Array & Color Interpolation Algorithm," Filed 11/30/2000, Application No.: 09/727,038, pp. 1-36, Atty. Docket No.: INTL-0512-US (P10263).	
V	79	KIM ET AL., "Method of Performing Video Encoding Rate Control," Filed 1/03/2001, Application No.: 09/754,227, pp. 1-28, Atty. Docket No.: 042390.P10264.	

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Date

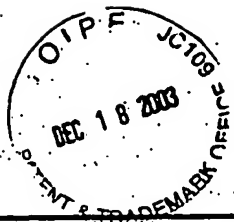
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/GMI/	80	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Motion Estimation," Filed 1/03/2001; Application No.: 09/754,683, pp. 1-27, Atty. Docket No.: 042390.P10265.	
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	82	TINKU ACHARYA, "Multiplierless Pyramid Filter," Filed 1/03/2001, App. No.: 09/754,684, pp. 1-22; Atty. Docket No.: 042390.P10722.	
	83	ACHARYA ET AL., "Image Retrieval Using Distance Measure," Filed 3/23/2001, Application No.: 09/817,000, pp. 1-28, Atty. Docket No.: INTL-0542-US (P10975).	
	84	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 3/26/2001, Application No.: 09/817,711, pp. 1-32, Atty. Docket No.: 042390.P11275.	
	85	TINKU ACHARYA, "Pyramid Filter," Filed 3/28/2001, Application No.: 09/820,108, pp. 1-23, Atty. Docket No.: 042390.P11211.	
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	88	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 4/30/2001, Application No.: 09/846,609, pp. 1-37, Atty. Docket No.: 042390.P11474.	
	89	TAN ET AL., "Reduction of Ringing Artifacts After Decompression of a DWT-Based Compressed Image," Filed 5/22/2001, Application No.: 09/863,478, pp. 1-24, Atty. Docket No.: 042390.P6220D.	
	90	ACHARYA ET AL., "Method & Apparatus for Coding of Wavelet Transformed Coefficients," Filed 5/29/2001, Application No.: 09/867,781, pp. 1-44, Atty. Docket No.: 042390.P11706.	
	91	ACHARYA ET AL., "Method & Apparatus for Three-Dimensional Wavelet Transform," Filed 5/29/2001, Application No.: 09/867,784, pp. 1-30, Atty. Docket No.: 042390.P11707.	
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Art Unit	Not Assigned
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Attorney Docket Number	42P15460X

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/GM/	94	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,830, pp. 1-27, Atty. Docket No.: 042390.P9824.	
	95	ACHARYA ET AL, "A Method of Generating Huffman Code Length Information," Filed 10/31/2000, Application No.: 09/704,392, pp. 1-25, Atty. Docket No.: 042390.P9804.	
	96	ACHARYA ET AL, "A Method of Performing Huffman Decoding," Filed 10/31/2000, Application No.: 09/704,380, pp. 1-26, Atty. Docket No.: 042390.P9820.	
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	98	TINKU ACHARYA, "Method & Apparatus for Two-Dimensional Seperable Symmetric Filtering," Filed 11/15/2000, Application No.: 09/713,663, pp. 1-20, Atty. Docket No.: 5038-80 (P10409).	
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	100	ACHARYA ET AL, "Developing an Euler Vector for Images," Filed 11/27/2000, Application No.: 09/722,979, pp. 1-45, Atty. Docket No.: INTL-0495-US (P10405).	
	101	ACHARYA ET AL, "Computing the Euler Number of a Binary Image," Filed 11/27/2000, Application No.: 09/722,982, pp. 1-31, Atty. Docket No.: INTL-0493-US (P10273).	
	102	ACHARYA ET AL, "Wavelet Coding of Video," Filed 11/27/2000, Application No.: 09/722,988, pp. 1-40, Atty. Docket No.: INTL-0514-US (P9822).	
	103	ACHARYA ET AL, "Encoding of Wavelet Transformed Error Data," Filed 11/27/2000, Application No.: 09/723,123, pp. 1-38, Atty. Docket No.: INTL-0210-P1-US (P7057X).	
	104	TINKU ACHARYA, "Method & Apparatus for Image Scaling," Filed 7/27/2001, Application No.: 09/917,476, pp. 1-19, Atty. Docket No.: 042390.P11959.	
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	106	TINKU ACHARYA, "Fast Half-Pixel Motion Estimation Using Steepest Descent," Filed 9/05/2001, Application No.: 09/947,266, pp. 1-18, Atty. Docket No.: 5038-132 (P12517).	
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Examiner
Signature

/Gregory Madden/

Date

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03/15/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 8 of 9

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Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
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Sheet 9 of 9

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Application Number 10/664,023

Filing Date 9/15/2003

First Named Inventor : Tinku Acharya

Art Unit	Not Assigned
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Examiner Name	: Not Assigned
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Attorney Docket Number 42P15466X

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**Examiner
Signature**

/Gregory Madden/

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